

Datasheet: AHP2728

Description:	RABBIT ANTI FATTY ACID SYNTHASE
Specificity:	FATTY ACID SYNTHASE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/100
Western Blotting	▪			1/200 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to fatty acid synthase was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 50% Glycerol
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2212-2511 of human fatty acid synthase

External Database Links

UniProt:

[P49327](#)

[Related reagents](#)

Entrez Gene:[2194](#) FASN [Related reagents](#)

Synonyms	FAS
Specificity	Rabbit anti fatty acid synthase antibody recognizes fatty acid synthase (FASN), also known as 3-oxoacyl-[acyl-carrier-protein] synthase. It is a homodimerized protein and each monomer is comprised of six separate enzymatic domains. Fatty acid synthase functions to synthesize the 16-carbon saturated fatty acid palmitate from acetyl-CoA and malonyl-CoA (Buckley et al. 2017). It can be phosphorylated by mTOR (Jensen-Urstad et al. 2013) and HER2 (Jin et al. 2010).
Western Blotting	Rabbit anti fatty acid synthase antibody detects a band of approximately 275 kDa in H460 and 293T cell lysates under reducing conditions
Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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